

Message

From: Nordine, John [nordine.john@epa.gov]
Sent: 12/16/2015 1:23:37 PM
To: Kay, Robert [rtkay@usgs.gov]
Subject: Re: Review--Techalloy Nov. 2015 Monthly Progress Report

Thanks Bob,

Have a Happy Holidays.

John

From: Kay, Robert <rtkay@usgs.gov>
Sent: Tuesday, December 15, 2015 3:46 PM
To: Nordine, John
Subject: Review--Techalloy Nov. 2015 Monthly Progress Report

John--I have reviewed the submission for the November 2015 Monthly Progress Report for the Techalloy Site in Union, Illinois. I have a couple of comments.

Table 1 and supporting discussion. Fairly minor, but the period covered by this table (and presumably the associated discussion) is Oct. 26-Nov. 16, not Nov. 2-Nov. 16. Autumwood should correct the period where appropriate, including the table caption. Additionally, it's my understanding the Ex. 6 Personal Privacy (PP) pump was pumped for 1 hour during the Oct. 26-Nov. 2 time frame. The table and discussion should be corrected.

Table 2 and associated discussion. The measured difference in water levels from Nov 2 through Dec 3, 2015 was (6.78-4.93) 1.85 ft, as Autumwood notes. However, the difference in the transducer readings was something like (23.05-25.30) 2.25 ft. These readings are off by about 0.40 ft. Per comments on earlier monthly reports, Autumwood needs to explicitly compare the transducer water-level measurements with the manual water-level measurements, note any discrepancy, and commit to either eliminating the discrepancy in a timely manner (this is at least the 2 month where the manual and transducer readings don't match) or get EPA's buy off that the error is within an acceptable range. For what it's worth, ideally the measurements should be within about 0.05 ft or so, but given the use of this data, I'm not worked up about the 0.4 ft discrepancy. Ignoring the error in the data is not consistent with good science.

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Robert T. Kay
U.S. Geological Survey
650G Peace Road
DeKalb, IL 60115
815-752-2041
rtkay@usgs.gov